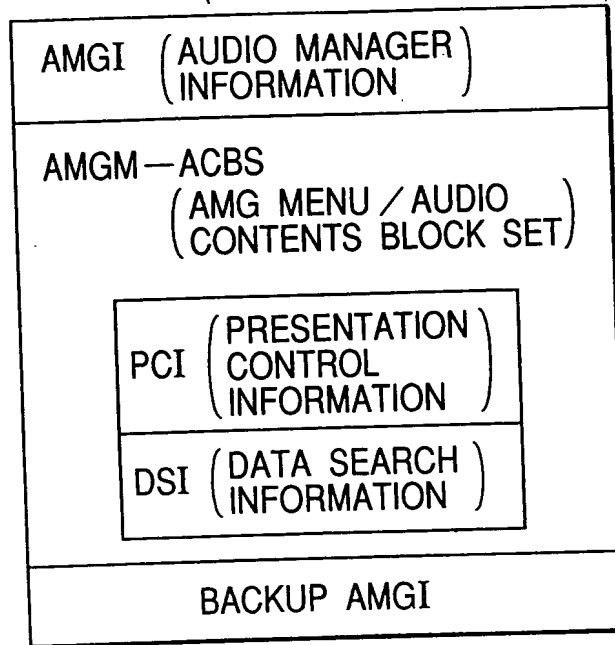


FIG. 3

AMG (AUDIO MANAGER)

**FIG. 4**

ATS (AUDIO TITLE SET)

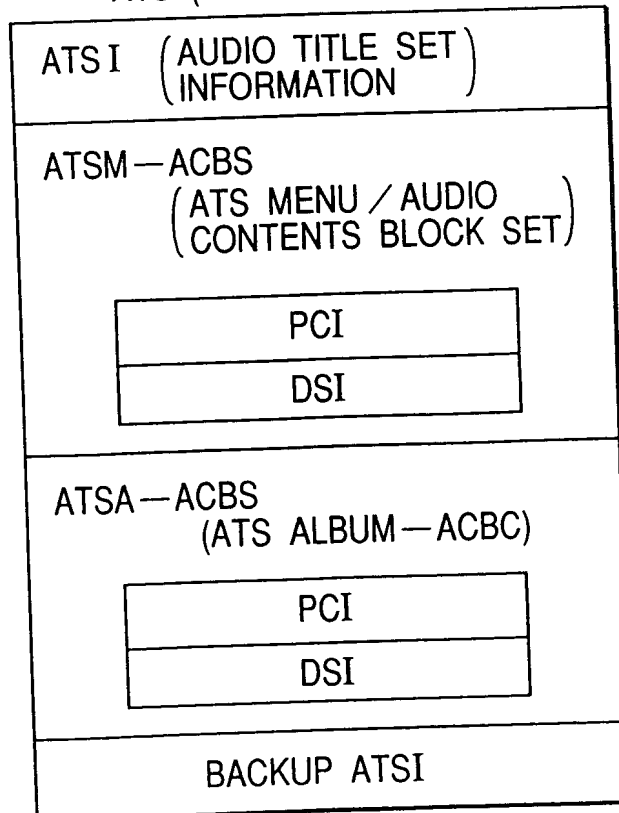


FIG. 5

AMGI (AUDIO MANAGER)
INFORMATION

| |
|---|
| AMGI — MAT (AMGI MANAGEMENT TABLE) |
| T — SRPT (TITLE SEARCH POINTER TABLE) |
| AMGM — PGC I — UT (AUDIO MANAGER MENU) (PGC I UNIT TABLE) |
| PTL — MAIT (PARENTAL MANAGEMENT) INFORMATION TABLE |
| ATS — ATRT (AUDIO TITLE SET ATTRIBUTE TABLE) |
| TXTDT — MG (TEXT DATA MANAGER) |
| AMGM — C — ADT (AMGM CELL ADDRESS TABLE) |
| AMGM — ACBU — ADMAP (AMGM — ACBU — ADDRESS MAP) |

FIG. 6

ATS—ATRT (AUDIO TITLE SET
ATTRIBUTE TABLE)

| | |
|-------------------------------------|--|
| ATS—ATRTI (ATS—ATRT INFORMATION) | |
| n | ATS—ATR—SRP#1 (ATS#1—AAS—ATR SEARCH POINTER) |
| | |
| n | ATS—ATR—SRP#n |
| | ATS—ATR#1 (ATS#1—AAS ATTRIBUTE) |
| | |
| | ATS—ATR#n |

FIG. 7

ATS—ATR (ATS ATTRIBUTE)

| | |
|------------------------------------|-----------|
| ATS—ATR—EA (END ADDRESS) | 4 BYTES |
| ATS—CAT (CATEGORY) | 4 BYTES |
| ATS—ATR I (ATS—ATR INFORMATION) | 768 BYTES |

FIG. 8

ATSI (AUDIO TITLE SET
INFORMATION)

| |
|---|
| ATSI—MAT (ATSI MANAGEMENT TABLE) |
| ATS—PTT—SRPT (ATS PART OF TITLE SEARCH POINTER TABLE) |
| ATS—PGCIT (ATS PROGRAM CHAIN INFORMATION TABLE) |
| ATSM—PGCI—UT (ATS MENU PROGRAM CHAIN UNIT TABLE) |
| ATS—TMAPT (ATS TIME MAP TABLE) |
| ATSM—C—ADT (ATS MENU CELL ADDRESS TABLE) |
| ATSM—ACBU—ADMAP (ATS MENU ACBU ADDRESS MAP) |
| ATS—C—ADT (ATS CELL ADDRESS TABLE) |
| ATS—ACBU—ADMAP (ATS—ACBU—ADDRESS MAP) |

FIG. 9

ATSI — MAT
(ATSI MANAGEMENT TABLE)

| |
|---|
| ATS — ID (IDENTIFIER) |
| ATS — EA (END ADDRESS) |
| ATSI — EA |
| VERN (VERSION NUMBER) |
| ATS — CAT (CATEGORY) |
| ATSI — MAT — EA |
| ATSM — ACBS — SA (START ADDRESS) |
| ATSA — ACBS — SA |
| ATS — PTT — SRPT — SA |
| ATS — PGCIT — SA |
| ATSM — PGCIT — UT — SA |
| ATS — TMAPT — SA |
| ATSM — C — ADT — SA |
| ATSM — ACBU — ADMAP — SA |
| |
| ATSM — AST — ATR (ATSM AUDIO STREAM) (ATTRIBUTE) |
| ATS — AST — N _s (ATS AUDIO STREAM NUMBER) |
| ATS — AST — ATRT (ATS AUDIO STREAM) (ATTRIBUTE TABLE) |
| |

| | | | | | | | |
|---------------------|-----|-----|-----|-----|-----|-----|-----|
| b63 | b62 | b61 | b60 | b59 | b58 | b57 | b56 |
| AUDIO ENCODING MODE | | | | | | | |

| | | | | | | | |
|--------------------|-----|-----|-----|-----|----------------------|-----|-----|
| b55 | b54 | b53 | b52 | b51 | b50 | b49 | b48 |
| QUANTIZATION / DRC | | fs | | | AUDIO CHANNEL NUMBER | | |

b47 b40

b39 b32

A horizontal line with several tick marks. The label 'b31' is positioned at the left end, and 'b24' is positioned at the right end.

b23 _____ b16

b15 _____ b8

FIG. 11

| ATS—AST—ATRT | | | | |
|--------------|----------|-------------|--|---------|
| AUDIO STREAM | (AST) #0 | ATS—AST—ATR | | 8 BYTES |
| AUDIO STREAM | (AST) #1 | ATS—AST—ATR | | 8 BYTES |
| AUDIO STREAM | (AST) #2 | ATS—AST—ATR | | 8 BYTES |
| AUDIO STREAM | (AST) #3 | ATS—AST—ATR | | 8 BYTES |
| AUDIO STREAM | (AST) #4 | ATS—AST—ATR | | 8 BYTES |
| AUDIO STREAM | (AST) #5 | ATS—AST—ATR | | 8 BYTES |
| AUDIO STREAM | (AST) #6 | ATS—AST—ATR | | 8 BYTES |
| AUDIO STREAM | (AST) #7 | ATS—AST—ATR | | 8 BYTES |

FIG. 12

ATS—AST—ATR (AUDIO TITLE SET AUDIO
STREAM ATTRIBUTE DATA)

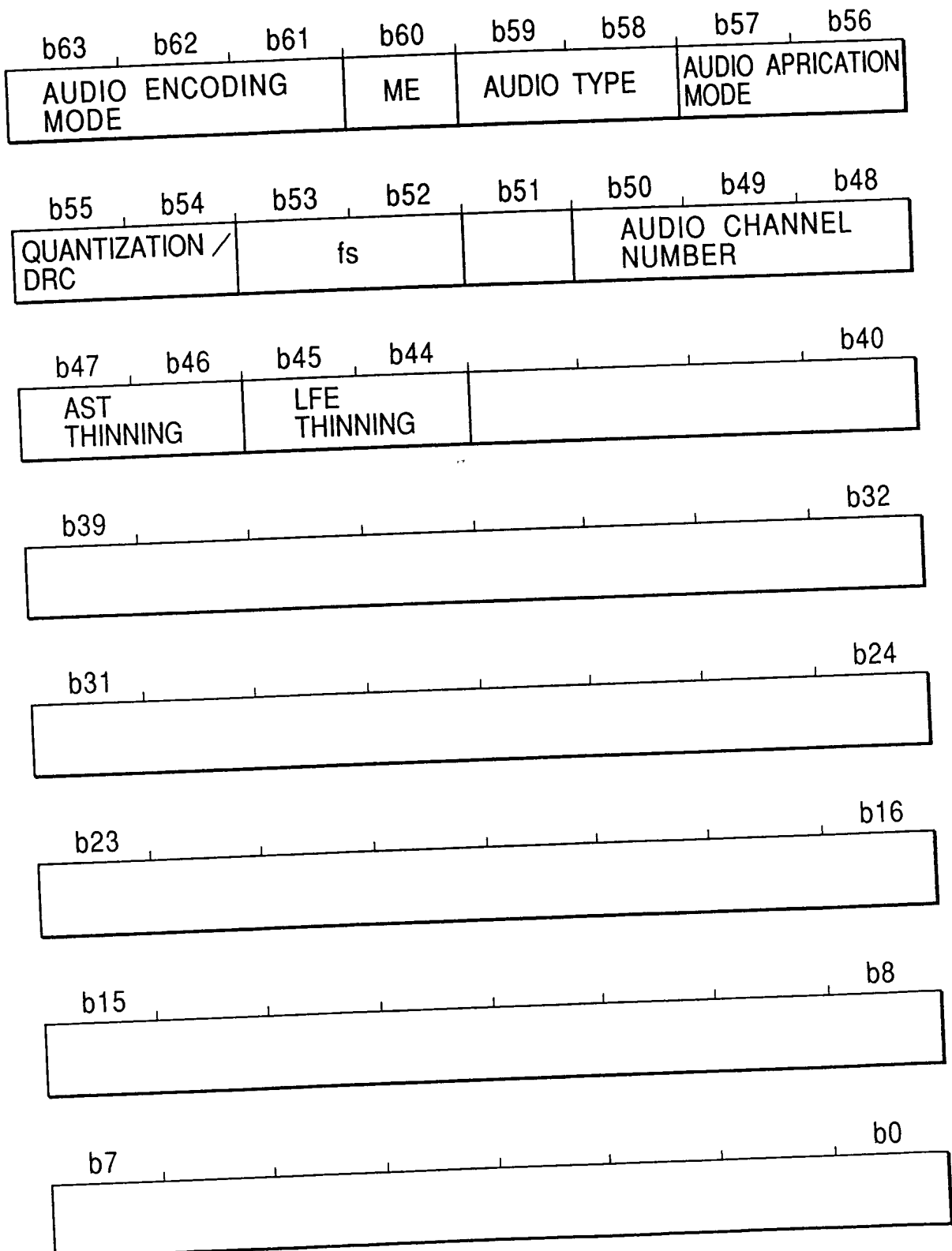


FIG. 14

AUDIO PACK (VIDEO PACK)

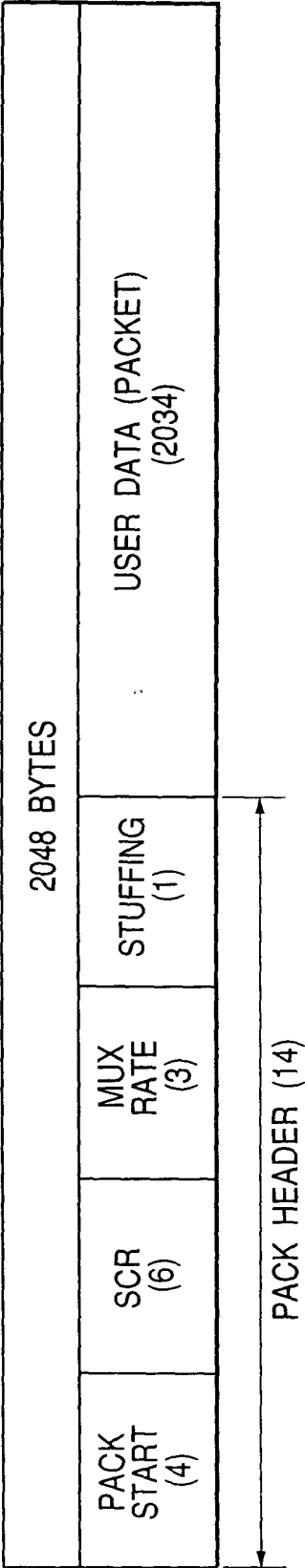


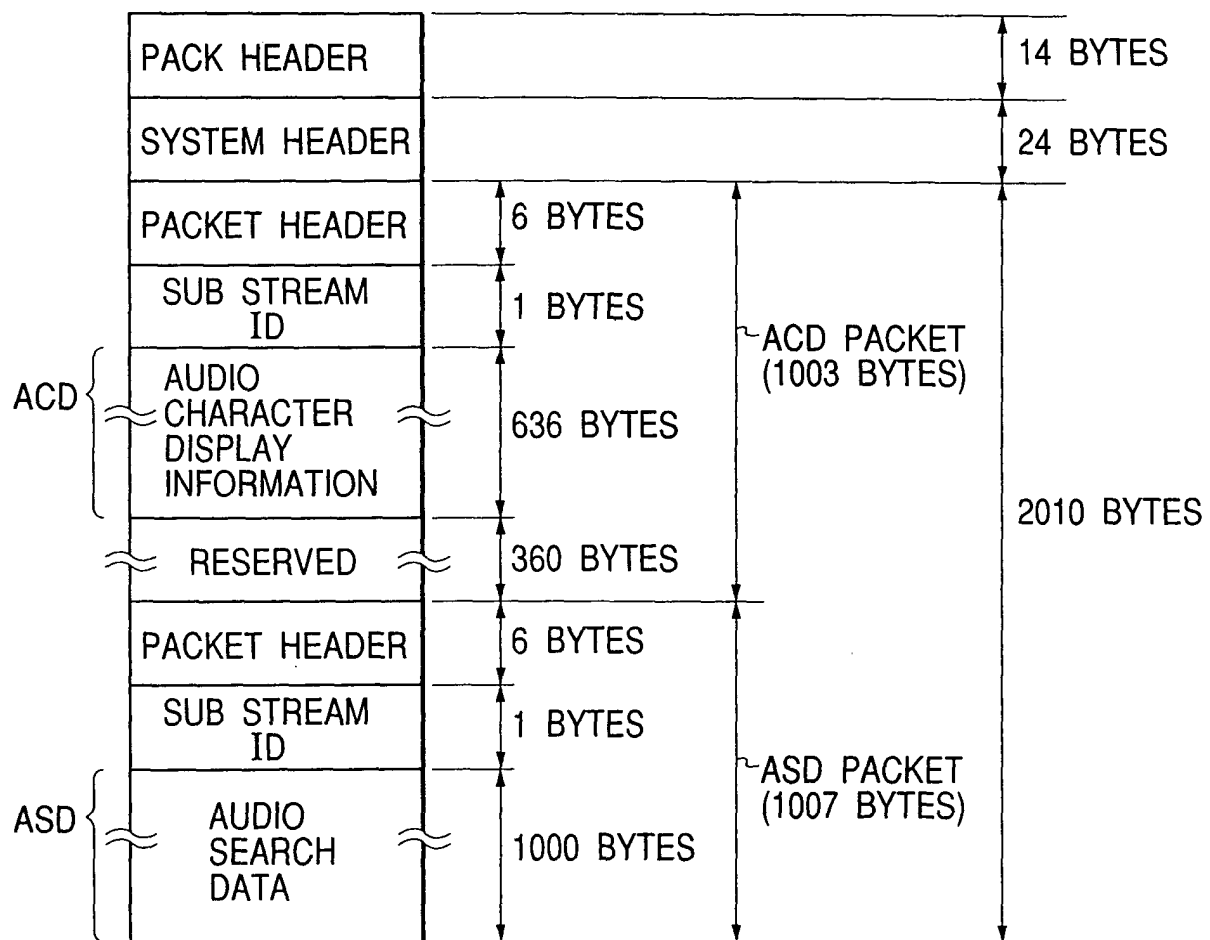
FIG. 15**AUDIO CONTROL PACK (2048 BYTES)**

FIG. 16

ACD (636 BYTES)

| GENERAL INFORMATION | 48 BYTES | |
|------------------------|-----------|-----------|
| NAME SPACE | 93 BYTES | 93 BYTES |
| FREE SPACE 1 | 93 BYTES | 93 BYTES |
| FREE SPACE 2 | 93 BYTES | 93 BYTES |
| DATA POINTER | 15 BYTES | 15 BYTES |
| TOTAL | 294 BYTES | 294 BYTES |

FIRST LANGUAGE SECOND LANGUAGE

FIG. 17

キョクモクカイセツ
前作のエディング曲
" FORGET-ME-NOT "

FIG. 18

ASD (1000 BYTES)

| | |
|---------------------|-----------|
| GENERAL | 16 BYTES |
| PRESENT NUMBER | 8 BYTES |
| PRESENT TIME | 16 BYTES |
| TITLE SET SEARCH | 8 BYTES |
| TITLE SEARCH | 8 BYTES |
| TRACK SEARCH | 404 BYTES |
| INDEX SEARCH | 408 BYTES |
| HIGHLIGHT SEARCH | 80 BYTES |
| RESERVED | 52 BYTES |

FIG. 19

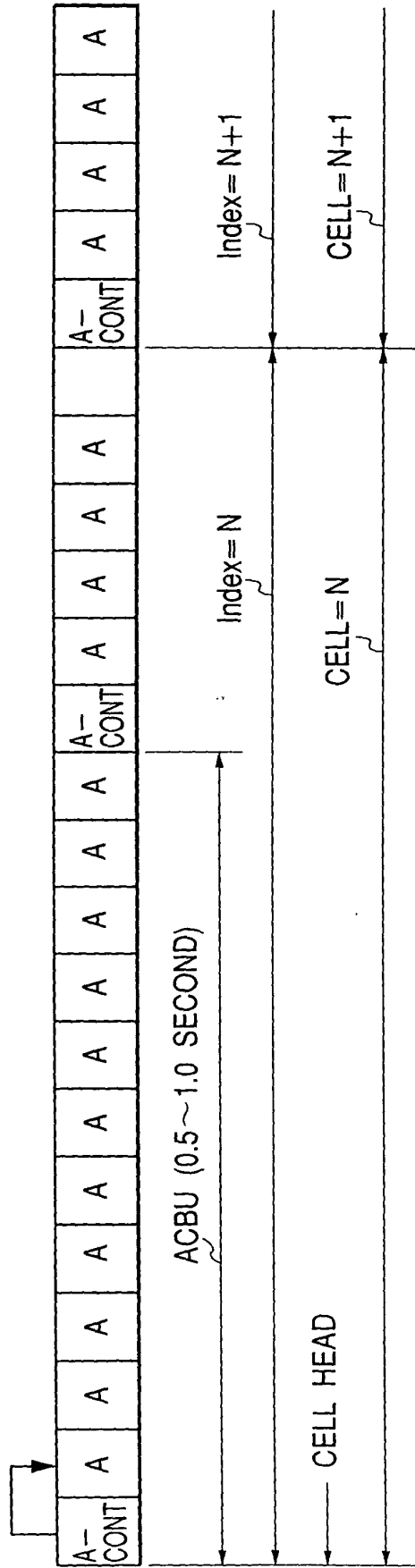


FIG. 20

| | 2CH (STEREO) | 6CH | 8CH | Mbps | TIME (MIN) | ABOVE 80MIN |
|-------|---------------------------|--------------------------|--------------------------|-------|------------|-------------|
| 2ch | 48khz /16bit (1.536Mbps) | | | 1.536 | 387 | * |
| | 48khz /20bit (1.920Mbps) | | | 1.920 | 310 | * |
| | 48khz /24bit (2.304Mbps) | | | 2.304 | 258 | * |
| | 96khz /16bit (3.072Mbps) | | | 3.072 | 194 | * |
| | 96khz /20bit (3.804Mbps) | | | 3.804 | 156 | * |
| | 96khz /24bit (4.608Mbps) | | | 4.608 | 129 | * |
| | 192khz /16bit (6.144Mbps) | | | 6.144 | 97 | * |
| | 192khz /20bit (7.680Mbps) | | | 7.680 | 78 | |
| | 192khz /24bit (9.216Mbps) | | | 9.216 | 65 | |
| 2+6ch | 48khz /16bit (1.536Mbps) | 48khz /16bit (4.608Mbps) | | 6.144 | 97 | * |
| | | 48khz /20bit (5.760Mbps) | | 7.296 | 82 | * |
| | | 48khz /24bit (6.912Mbps) | | 8.448 | 70 | |
| | 48khz /20bit (1.920Mbps) | 48khz /16bit (4.608Mbps) | | 6.528 | 91 | * |
| | | 48khz /20bit (5.760Mbps) | | 7.680 | 78 | |
| | | 48khz /24bit (6.912Mbps) | | 8.832 | 67 | |
| | 48khz /24bit (2.304Mbps) | 48khz /16bit (4.608Mbps) | | 6.912 | 86 | * |
| | | 48khz /20bit (5.760Mbps) | | 8.064 | 74 | |
| | | 48khz /24bit (6.912Mbps) | | 9.216 | 65 | |
| 2+6ch | 96khz /16bit (3.072Mbps) | 48khz /16bit (4.608Mbps) | | 7.680 | 78 | |
| | | 48khz /20bit (5.760Mbps) | | 8.832 | 67 | |
| | 96khz /20bit (3.840Mbps) | 48khz /16bit (4.608Mbps) | | 8.448 | 71 | |
| | | 48khz /20bit (5.760Mbps) | | 9.600 | 62 | |
| | 96khz /24bit (4.608Mbps) | 48khz /16bit (4.608Mbps) | | 9.216 | 65 | |
| | | | | | | |
| 2+8ch | 48khz /16bit (1.536Mbps) | | 48khz /16bit (6.144Mbps) | 7.680 | 78 | |
| | | | 48khz /20bit (7.680Mbps) | 9.216 | 65 | |
| 2+8ch | 48khz /20bit (1.920Mbps) | | 48khz /16bit (6.144Mbps) | 8.064 | 74 | |
| | | | 48khz /20bit (7.680Mbps) | 9.600 | 62 | |
| 6ch | | 48khz /16bit (4.608Mbps) | | 4.608 | 129 | * |
| | | 48khz /20bit (5.760Mbps) | | 5.760 | 103 | * |
| | | 48khz /24bit (6.912Mbps) | | 6.912 | 86 | |
| | | 96khz /16bit (9.216Mbps) | | 5.216 | 65 | |
| 8ch | | | 48khz /16bit (6.144Mbps) | 6.144 | 97 | * |
| | | | 48khz /20bit (7.680Mbps) | 7.680 | 78 | |
| | | | 48khz /24bit (9.216Mbps) | 9.216 | 65 | |

FIG. 21

| | 2CH | FRONT 3CH | REAR 2CH, LFE 1CH | Mbps | TIME |
|-------|--------------------------|--------------------------|--------------------------|-------|------|
| 2+6ch | 48khz /16bit (1.536Mbps) | 96khz /16bit (4.608Mbps) | 48khz /16bit (2.304Mbps) | 8.448 | 70 |
| | ~ | 96khz /20bit (5.760Mbps) | 48khz /16bit (2.304Mbps) | 9.6 | 62 |
| | 48khz /20bit (1.920Mbps) | 96khz /16bit (4.608Mbps) | 48khz /16bit (2.304Mbps) | 8.832 | 67 |

FIG. 22

| | 2CH | FRONT 3CH | REAR 2CH | Mbps | TIME |
|-------|--------------------------|--------------------------|--------------------------|-------|------|
| 2+5ch | 48khz /16bit (1.536Mbps) | 96khz /20bit (5.760Mbps) | 48khz /16bit (1.536Mbps) | 8.832 | 67 |
| | 48khz /20bit (1.920Mbps) | 96khz /20bit (5.760Mbps) | 48khz /16bit (1.536Mbps) | 9.216 | 65 |
| | 48khz /20bit (1.920Mbps) | 96khz /20bit (5.760Mbps) | 48khz /20bit (1.920Mbps) | 9.6 | 62 |

FIG. 23

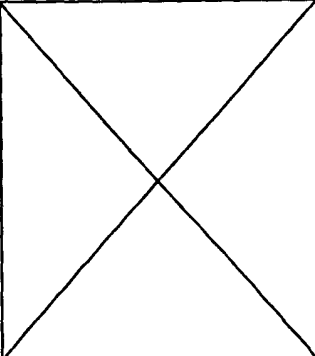
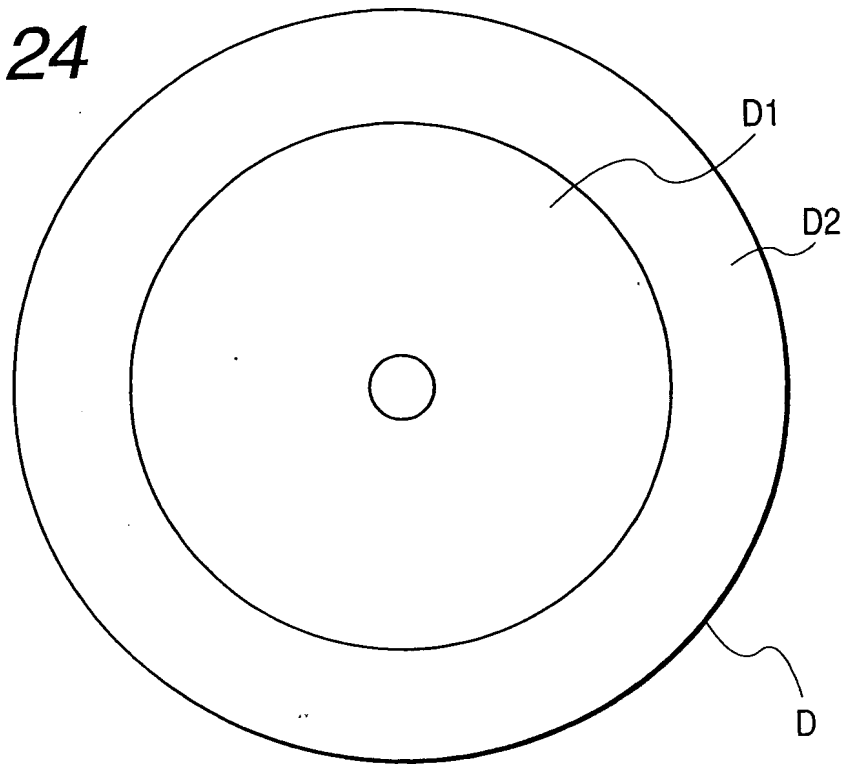
| 6ch |  | FRONT 3CH | REAR 2CH, LFE 1CH | Mbps | TIME |
|-----|---|--------------------------|--------------------------|-------|------|
| | | 96khz /16bit (4.608Mbps) | 48khz /16bit (2.304Mbps) | 6.912 | 86 |
| | | 96khz /20bit (5.760Mbps) | 48khz /16bit (2.304Mbps) | 8.064 | 74 |
| | | | 48khz /20bit (2.880Mbps) | 8.64 | 68 |
| | | | 48khz /24bit (3.456Mbps) | 9.216 | 65 |
| | | 96khz /24bit (6.912Mbps) | 48khz /16bit (2.304Mbps) | 9.216 | 65 |

FIG. 24**FIG. 25**

ACD (636 BYTES)

| | |
|---|-----------|
| GENERAL INFORMATION | 48 BYTES |
| NAME SPACE | 93 BYTES |
| FREE SPACE 1 | 93 BYTES |
| FREE SPACE 2 | 93 BYTES |
| DATA POINTER | 15 BYTES |
| AUDIO REPRODUCTION CONTROL INFORMATION | 294 BYTES |

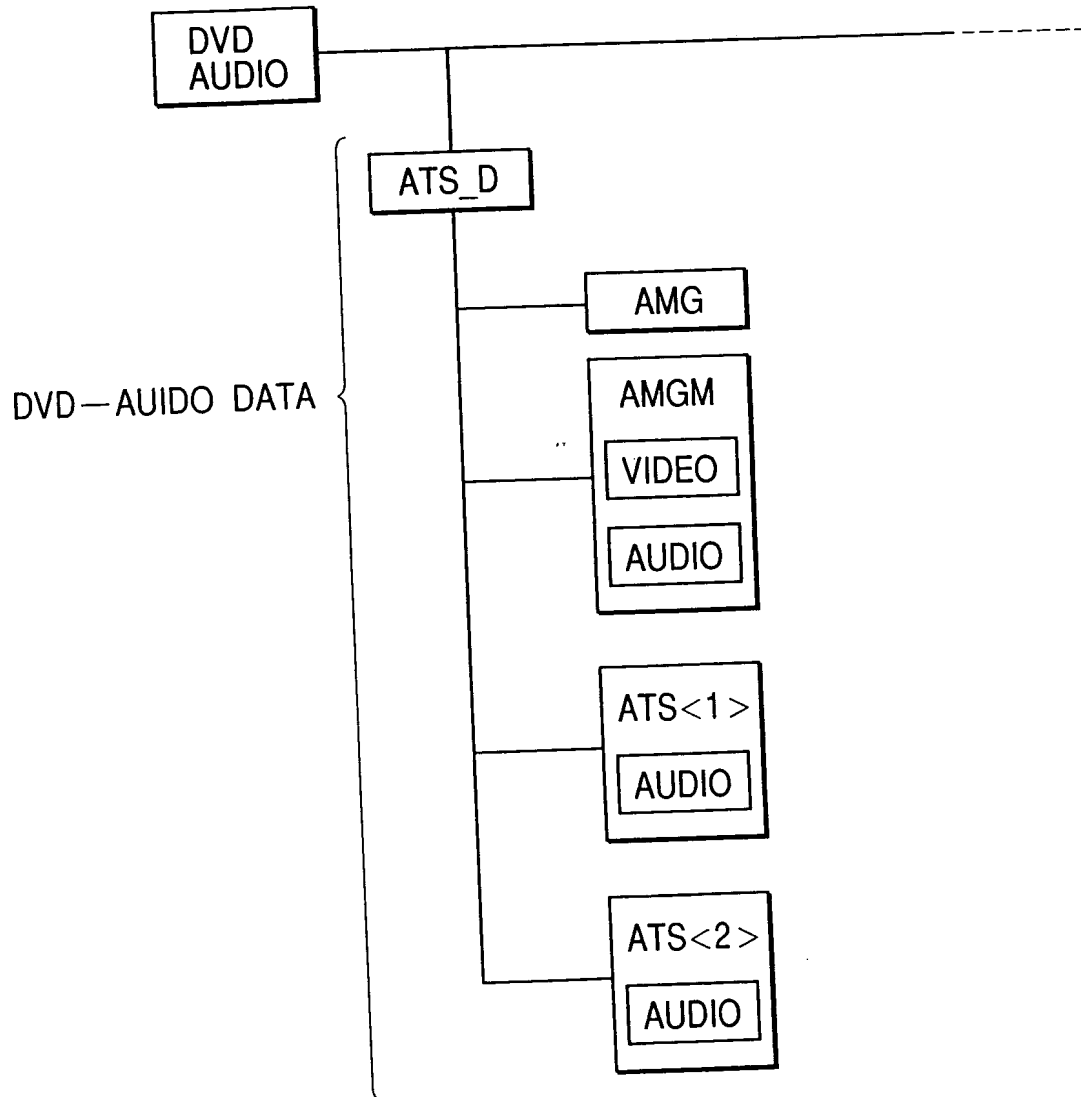
FIG. 26

FIG. 27

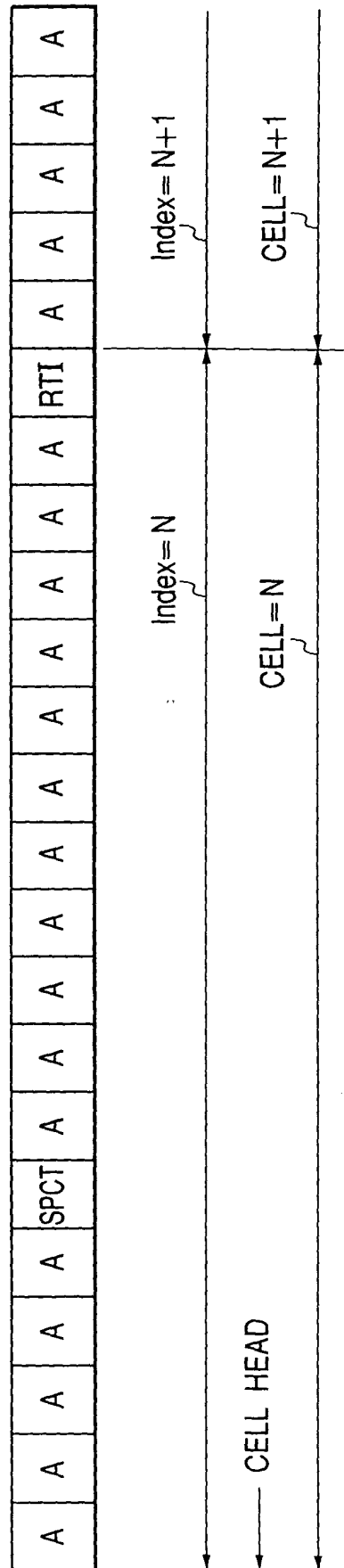


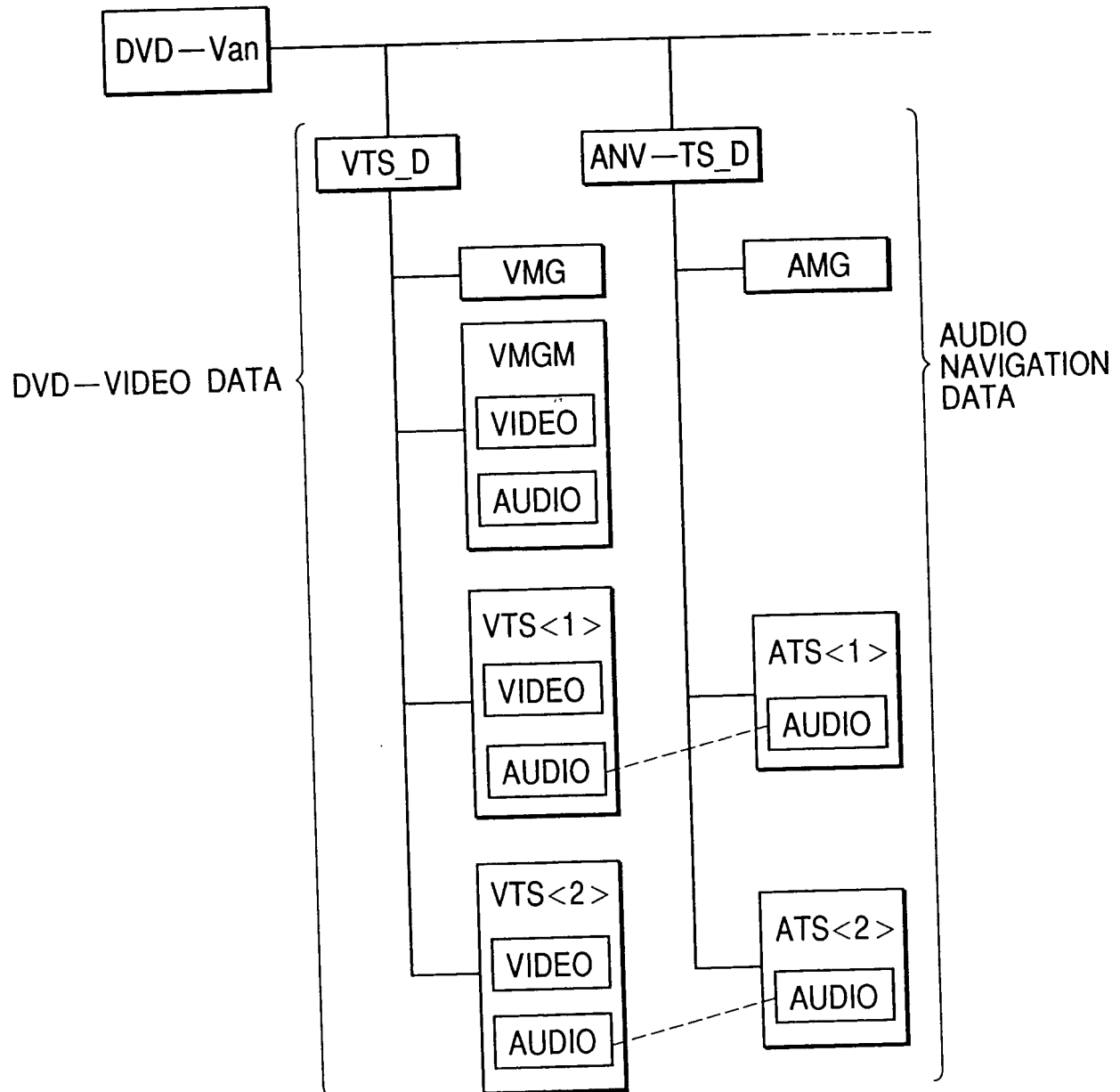
FIG. 28

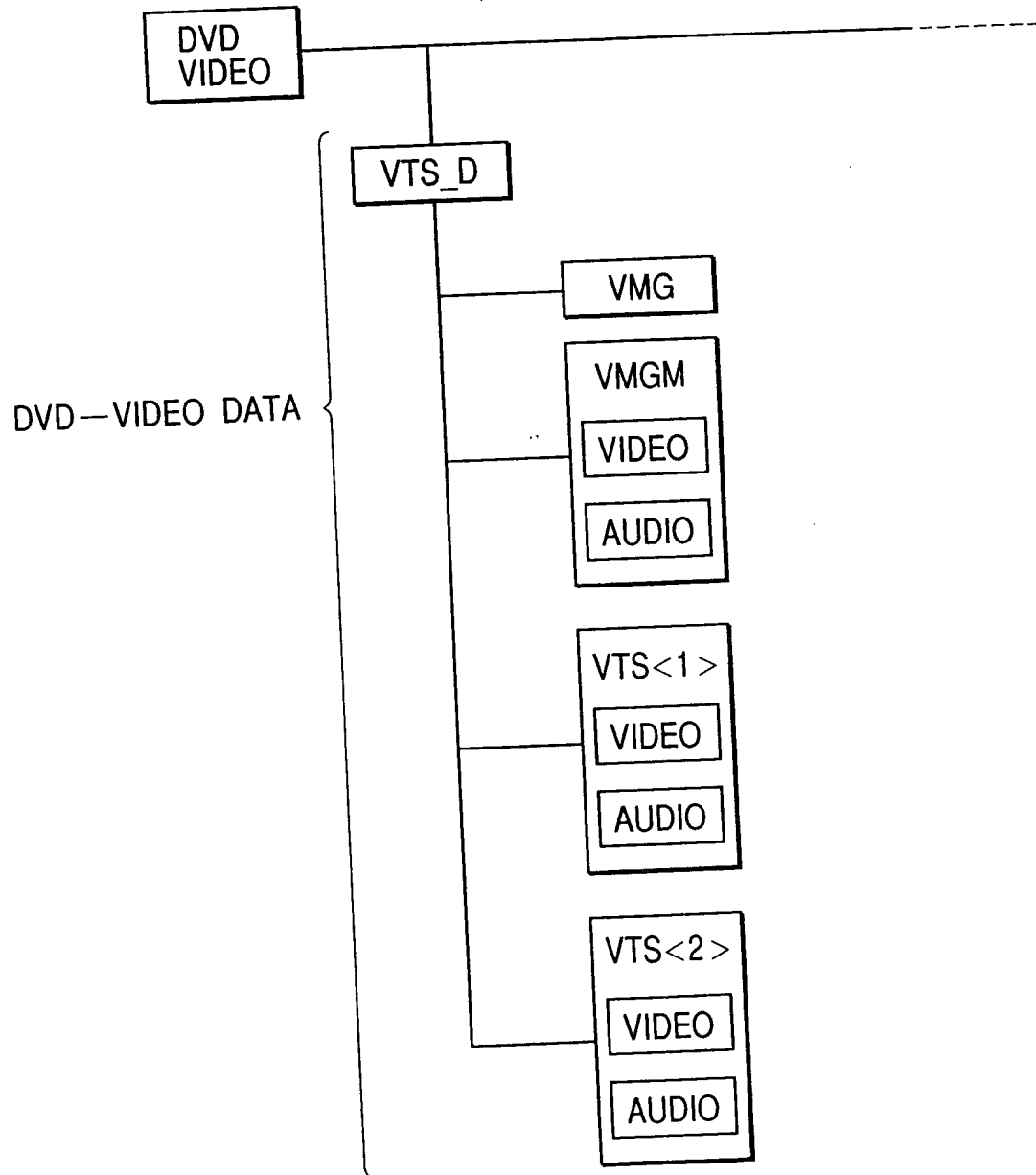
FIG. 29

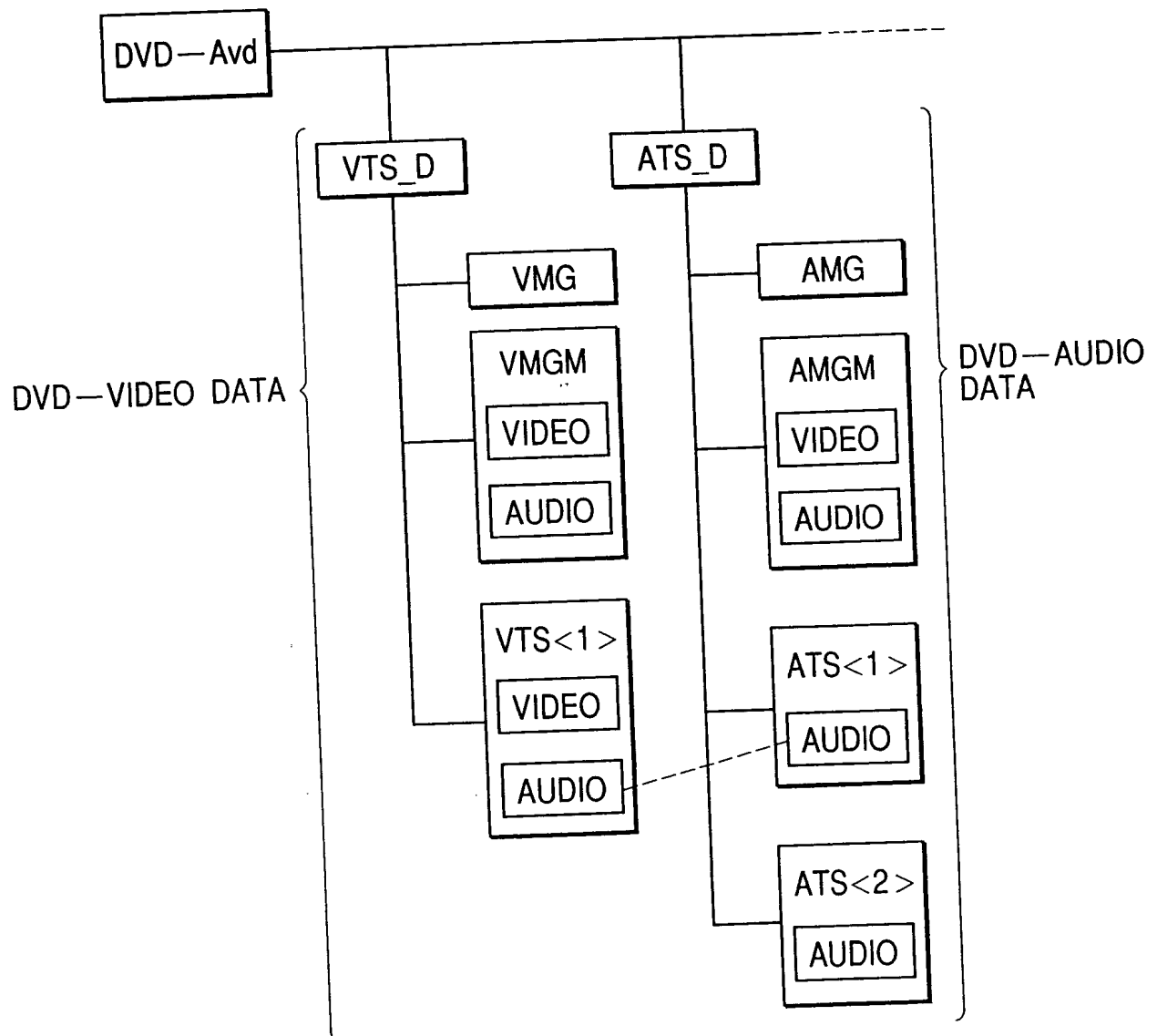
FIG. 30

FIG. 31

AOTT—AOB—ATR

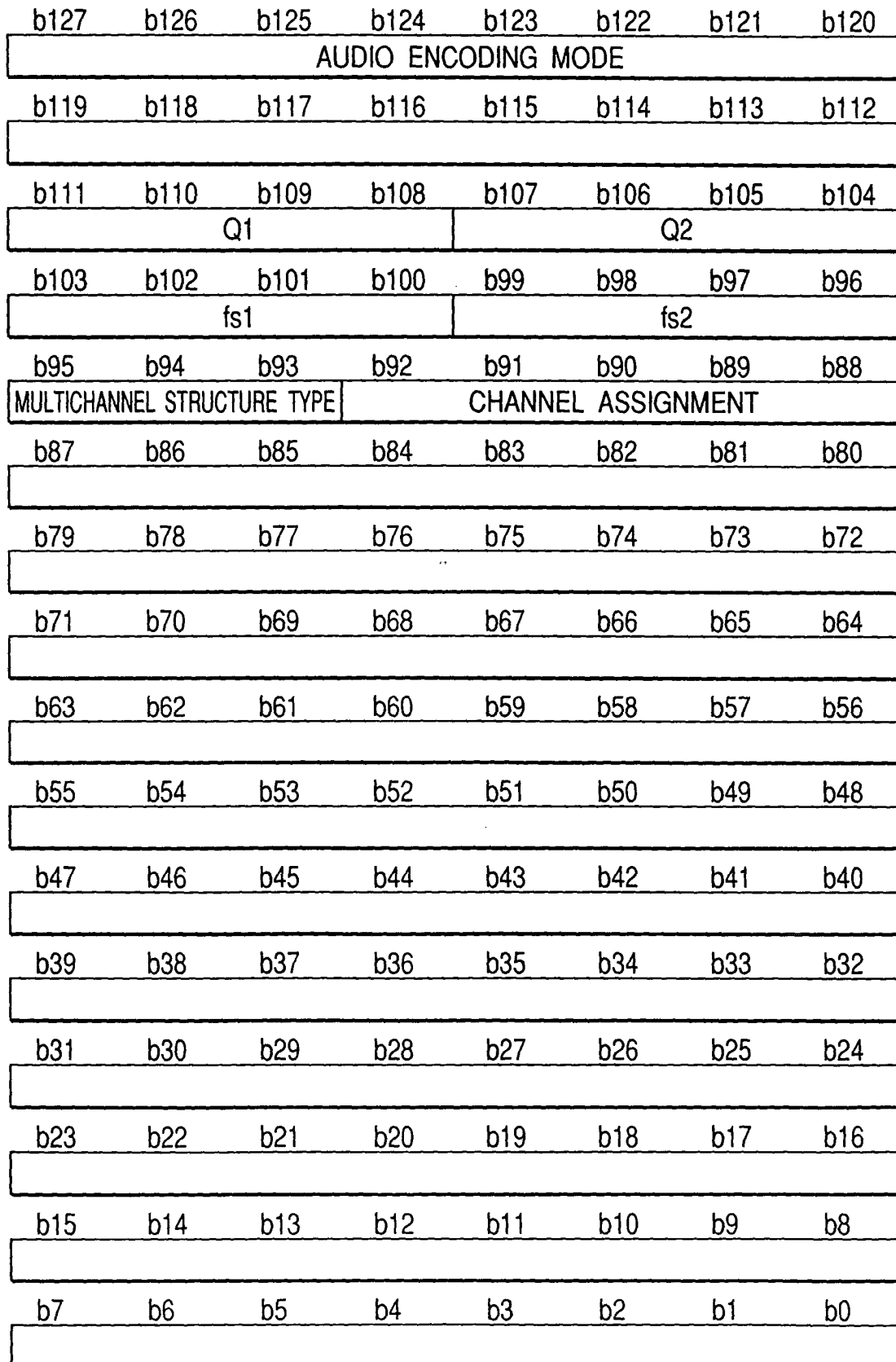


FIG. 32

| CHANNEL ASSIGNMENT INFORMATION (BIT PATTERN) | CHANNEL STRUCTURE OF GROUPS 1, 2 | | | | | | CHANNEL NUMBER IN GROUP 1 | CHANNEL NUMBER IN GROUP 2 |
|---|-------------------------------------|------|------|-----------------|------|------|------------------------------------|------------------------------------|
| | ACH0 | ACH1 | ACH2 | ACH3 | ACH4 | ACH5 | | |
| 00000b | C(mono) | none | none | none | none | none | 1 | 0 |
| 00001b | L | R | none | none | none | none | 2 | 0 |
| 00010b | Lf | Rf | S | none | none | none | 2 | 1 |
| 00011b | Lf | Rf | Ls | Rs | none | none | 2 | 2 |
| 00100b | Lf | Rf | LFE | none | none | none | 2 | 1 |
| 00101b | Lf | Rf | LFE | S | none | none | 2 | 2 |
| 00110b | Lf | Rf | LFE | Ls | Rs | none | 2 | 3 |
| 00111b | Lf | Rf | C | none | none | none | 2 | 1 |
| 01000b | Lf | Rf | C | S | none | none | 2 | 2 |
| 01001b | Lf | Rf | C | Ls | Rs | none | 2 | 3 |
| 01010b | Lf | Rf | C | LFE | none | none | 2 | 2 |
| 01011b | Lf | Rf | C | LFE | S | none | 2 | 3 |
| 01100b | Lf | Rf | C | LFE | Ls | Rs | 2 | 4 |
| 01101b | Lf | Rf | C | S | none | none | 3 | 1 |
| 01110b | Lf | Rf | C | Ls | Rs | none | 3 | 2 |
| 01111b | Lf | Rf | C | LFE | none | none | 3 | 1 |
| 10000b | Lf | Rf | C | LFE | S | none | 3 | 2 |
| 10001b | Lf | Rf | C | LFE | Ls | Rs | 3 | 3 |
| 10010b | Lf | Rf | Ls | Rs | LFE | none | 4 | 1 |
| 10011b | Lf | Rf | Ls | Rs | C | none | 4 | 1 |
| 10100b | Lf | Rf | Ls | Rs | C | LFE | 4 | 2 |
| OTHERS | RESERVED | | | | | | | |
| CHANNEL GROUP 1 | | | | CHANNEL GROUP 2 | | | | |

FIG. 33

LINEAR PCM AUDIO PACK

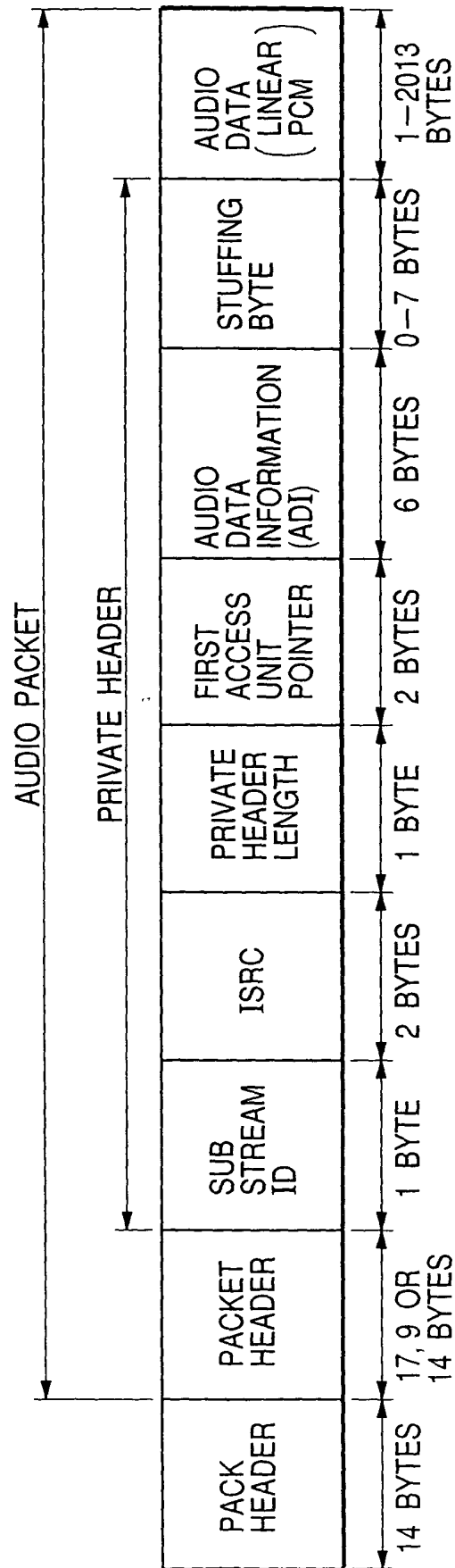
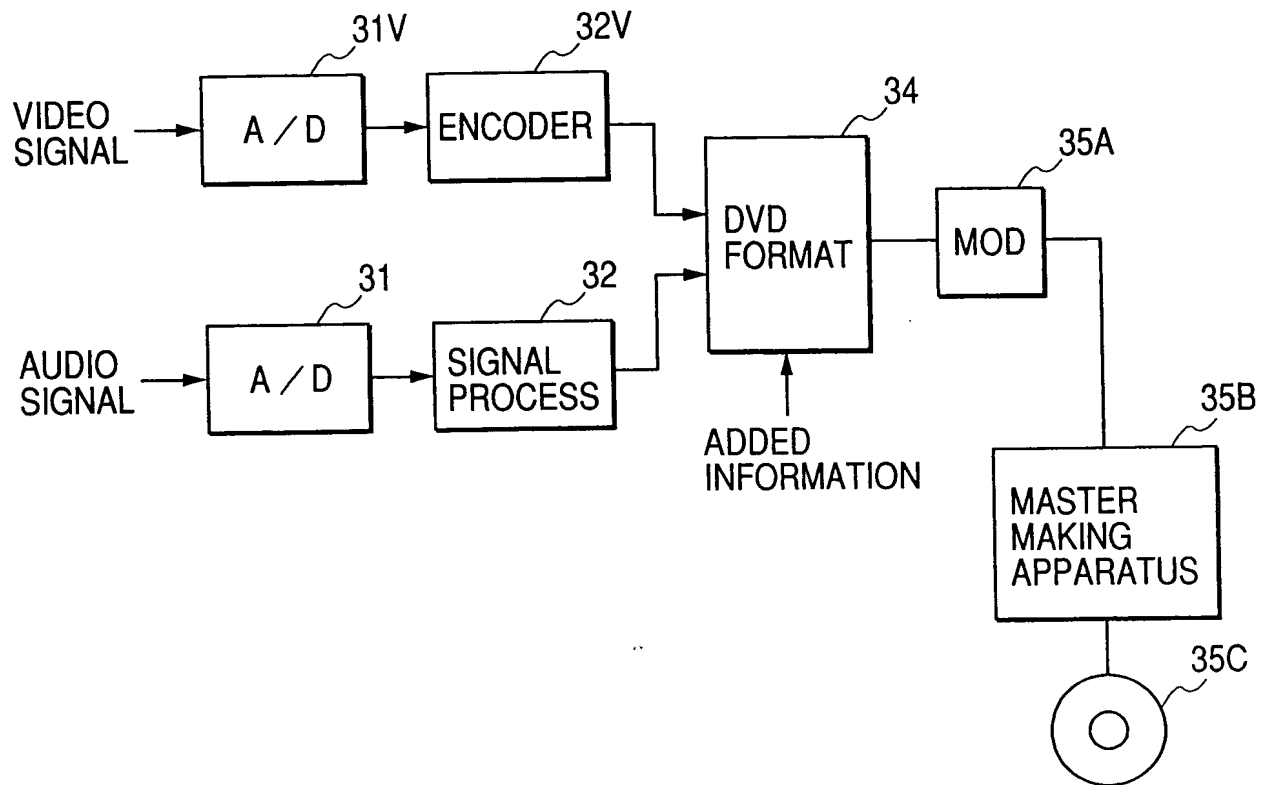
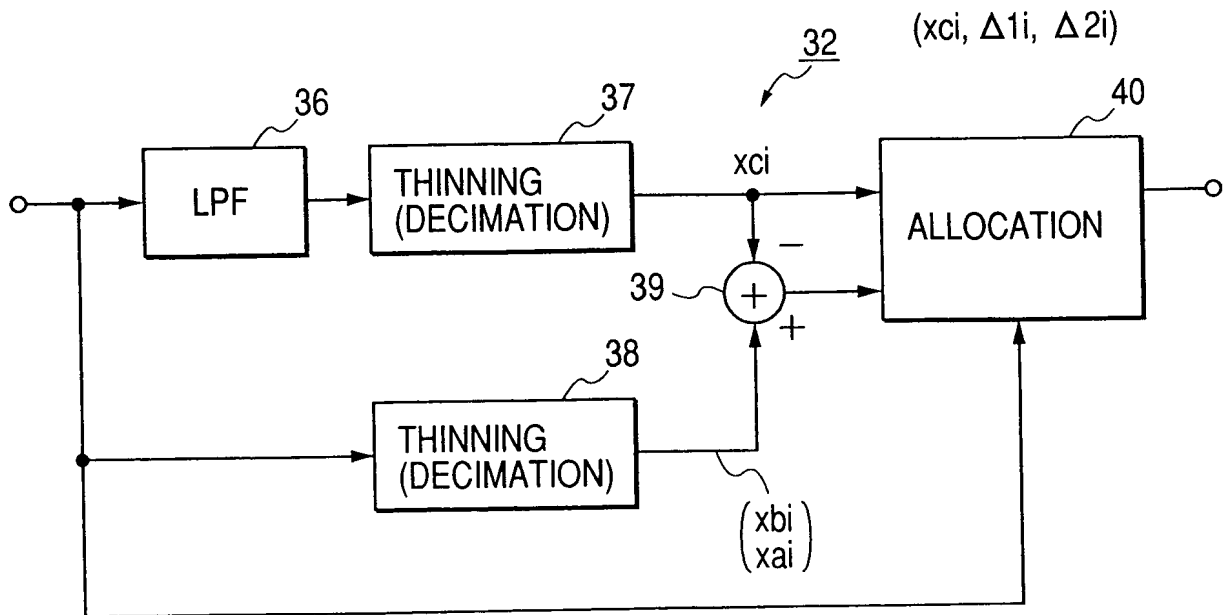


FIG. 34

LINEAR PCM PRIVATE HEADER

| FILED | | BIT NUMBER | BYTE NUMBER |
|---------------------------|----------------------------------|------------|-------------|
| SUB STREAM ID | | 8 | 1 |
| RESERVED | | 4 | 2 |
| ISRC NUMBER | | 4 | |
| ISRC DATA | | 8 | |
| PRIVATE HEADER LENGTH | | 8 | 1 |
| FIRST ACCESS UNIT POINTER | | 16 | 2 |
| ADI { | AUDIO EMPHASIS FLAG | 1 | 1 |
| | RESERVED | 1 | |
| | RESERVED | 2 | |
| | DOWN MIX CODE | 4 | |
| | QUANTIZATION WORD LENGTH 1 | 4 | 1 |
| | QUANTIZATION WORD LENGTH 2 | 4 | |
| | AUDIO SAMPLING FREQUENCY f_s 1 | 4 | 1 |
| | AUDIO SAMPLING FREQUENCY f_s 2 | 4 | |
| | RESERVED | 4 | 1 |
| | MULTICHANNEL TYPE | 4 | |
| | RESERVED | 3 | 1 |
| | CHANNEL ASSIGNMENT | 5 | |
| DYNAMIC RANGE CONTROL | | 8 | 1 |
| STUFFING BYTE | | — | 0—7 |

| | | | | | | | |
|------------------------------|------|------|--------------------|----------------------------------|------|------|------|
| b127 | b126 | b125 | b124 | b123 | b122 | b121 | b120 |
| AUDIO ENCODING MODE | | | | | | | |
| b119 | b118 | b117 | b116 | b115 | b114 | b113 | b112 |
| | | | | | | | |
| b111 | b110 | b109 | b108 | b107 | b106 | b105 | b104 |
| Q | | | | | | | |
| b103 | b102 | b101 | b100 | b99 | b98 | b97 | b96 |
| fs | | | | | | | |
| b95 | b94 | b93 | b92 | b91 | b90 | b89 | b88 |
| MULTICHANNEL STRUCTURE TYPE | | | CHANNEL ASSIGNMENT | | | | |
| b87 | b86 | b85 | b84 | b83 | b82 | b81 | b80 |
| DECODING AUDIO STREAM NUMBER | | | | | | | |
| b79 | b78 | b77 | b76 | b75 | b74 | b73 | b72 |
| MPEG AUDIO DRC | | | | COMPRESSION AUDIO CHANNEL NUMBER | | | |
| b71 | b70 | b69 | b68 | b67 | b66 | b65 | b64 |
| | | | | | | | |
| b63 | b62 | b61 | b60 | b59 | b58 | b57 | b56 |
| | | | | | | | |
| b55 | b54 | b53 | b52 | b51 | b50 | b49 | b48 |
| | | | | | | | |
| b47 | b46 | b45 | b44 | b43 | b42 | b41 | b40 |
| | | | | | | | |
| b39 | b38 | b37 | b36 | b35 | b34 | b33 | b32 |
| | | | | | | | |
| b31 | b30 | b29 | b28 | b27 | b26 | b25 | b24 |
| | | | | | | | |
| b23 | b22 | b21 | b20 | b19 | b18 | b17 | b16 |
| | | | | | | | |
| b15 | b14 | b13 | b12 | b11 | b10 | b9 | b8 |
| | | | | | | | |
| b7 | b6 | b5 | b4 | b3 | b2 | b1 | b0 |
| | | | | | | | |

FIG. 36**FIG. 37**

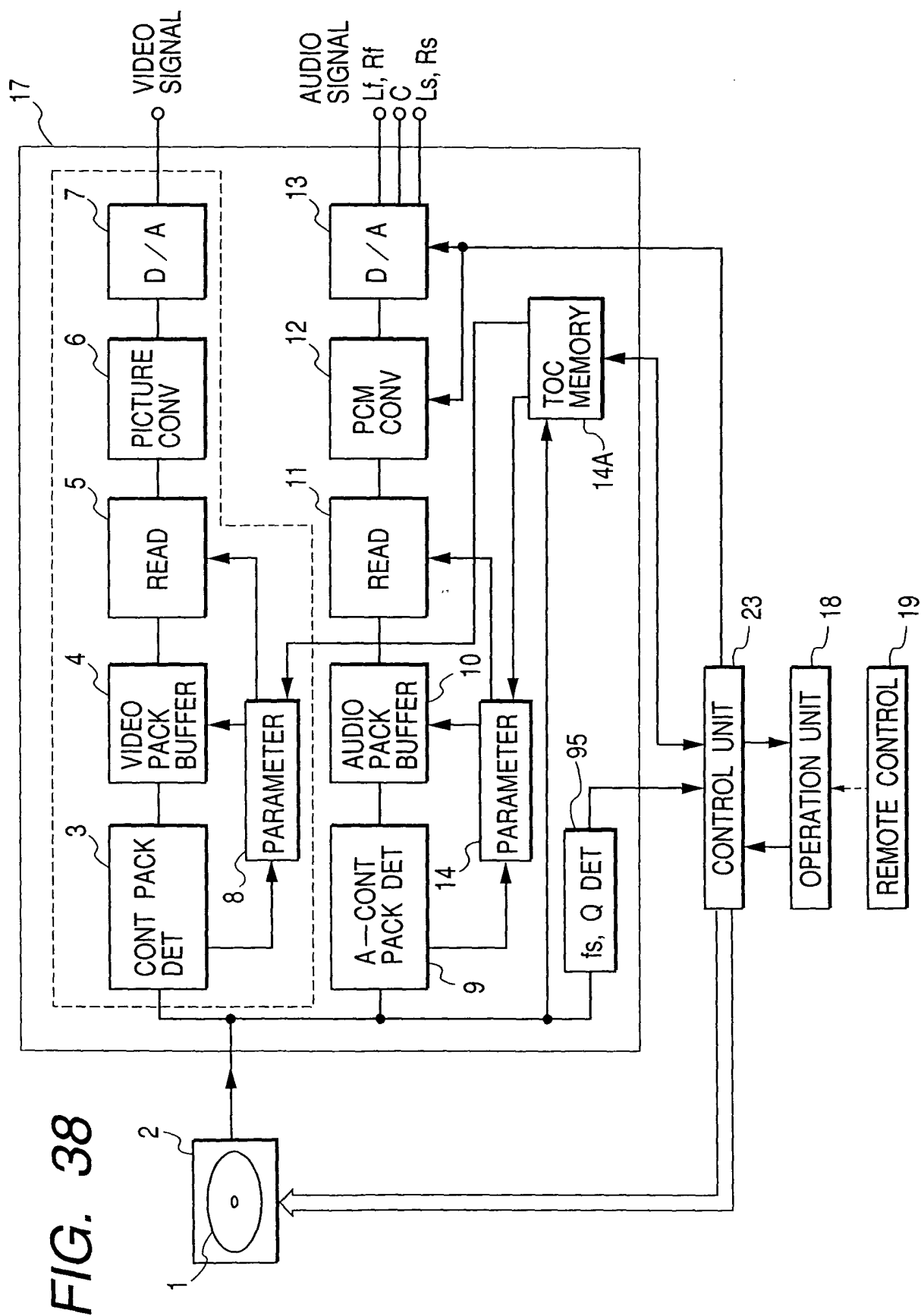
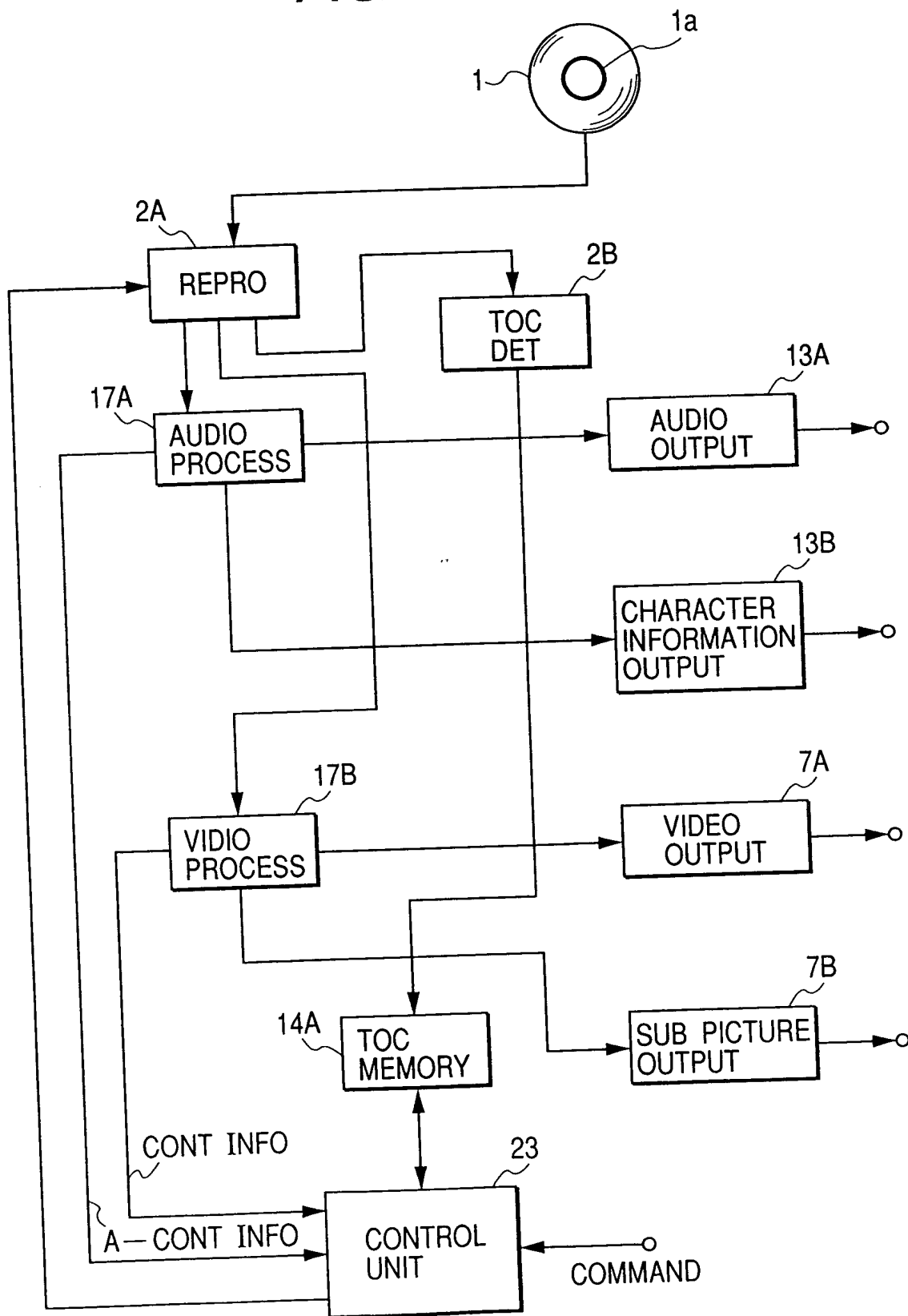


FIG. 39



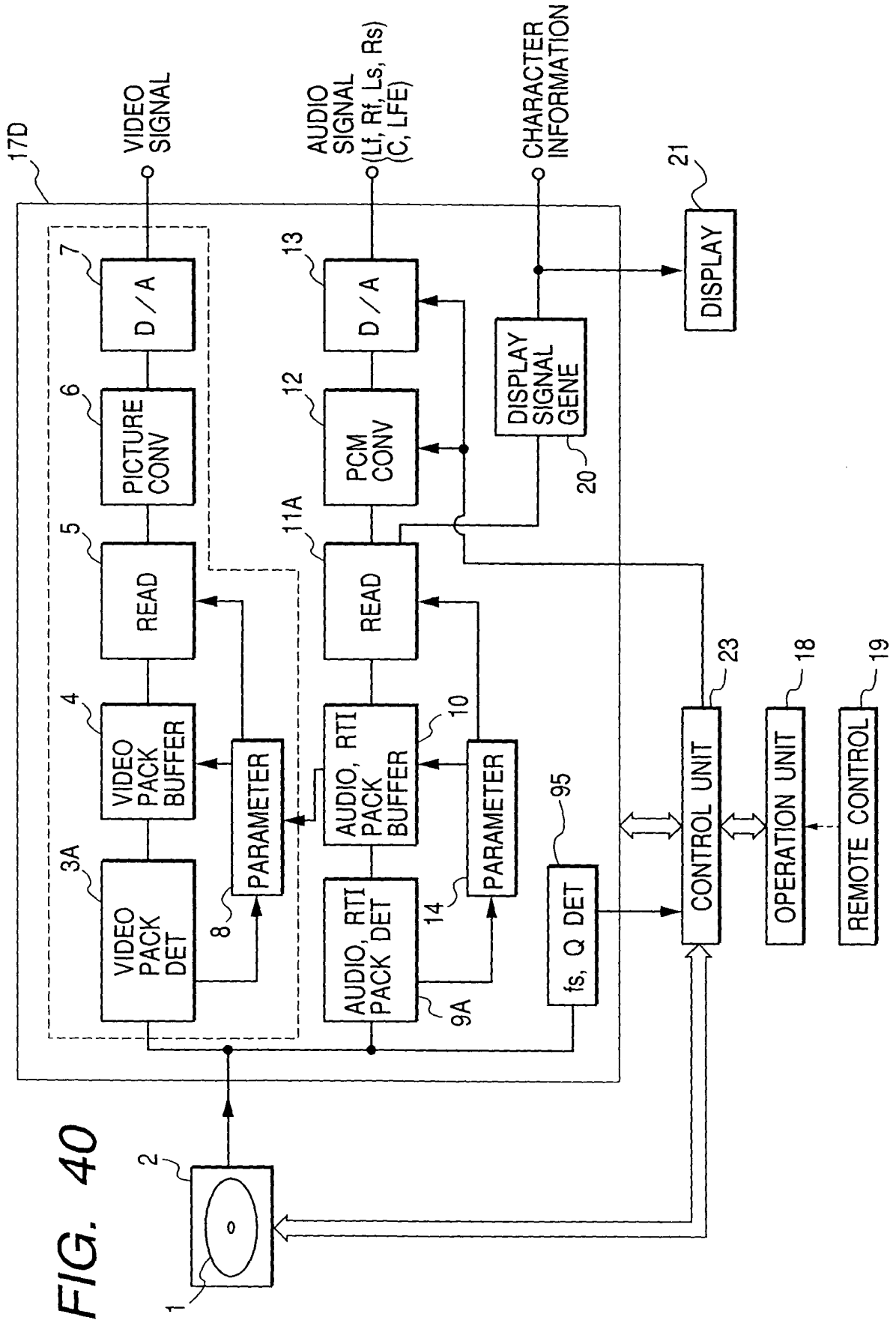


FIG. 41

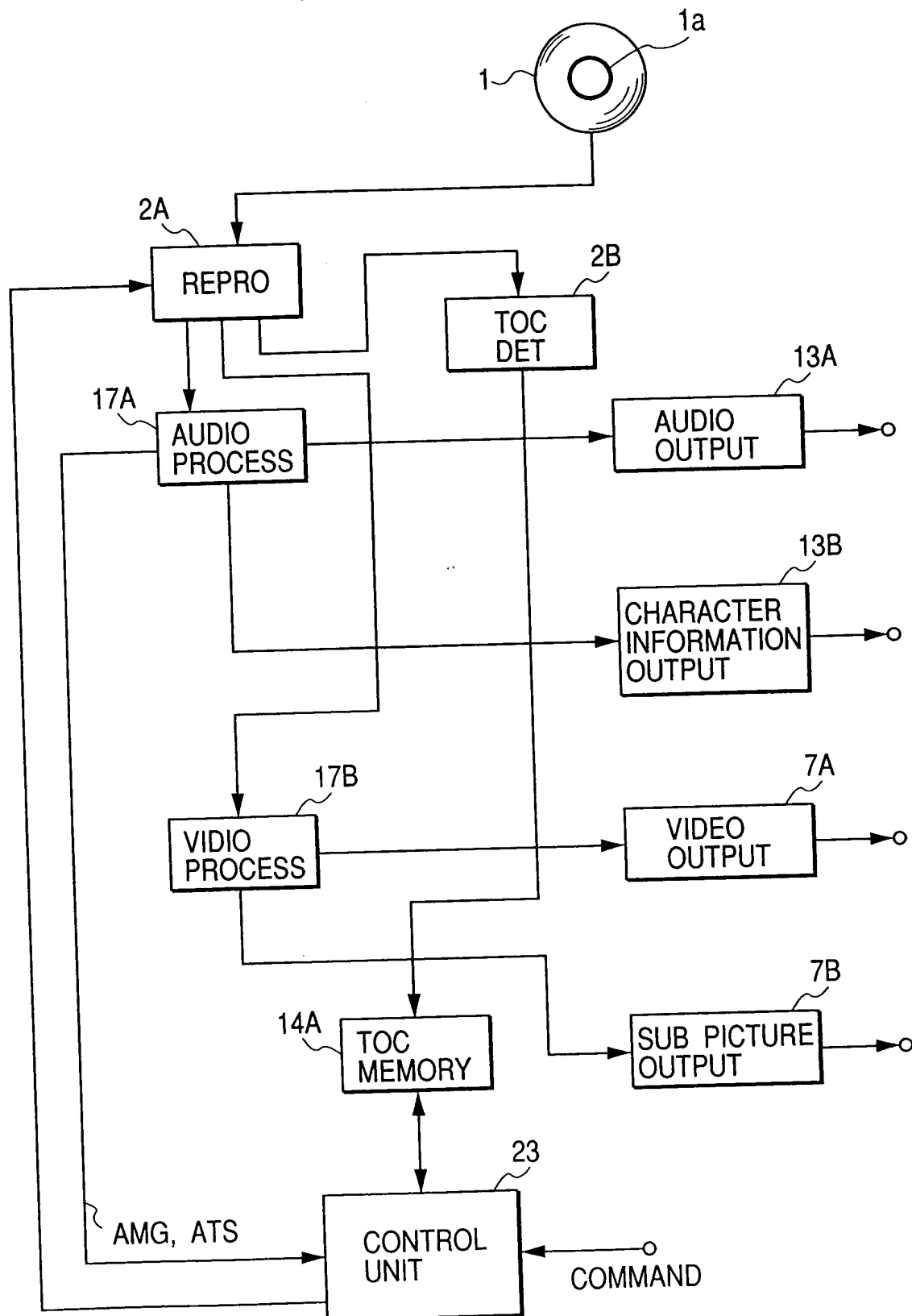


FIG. 42

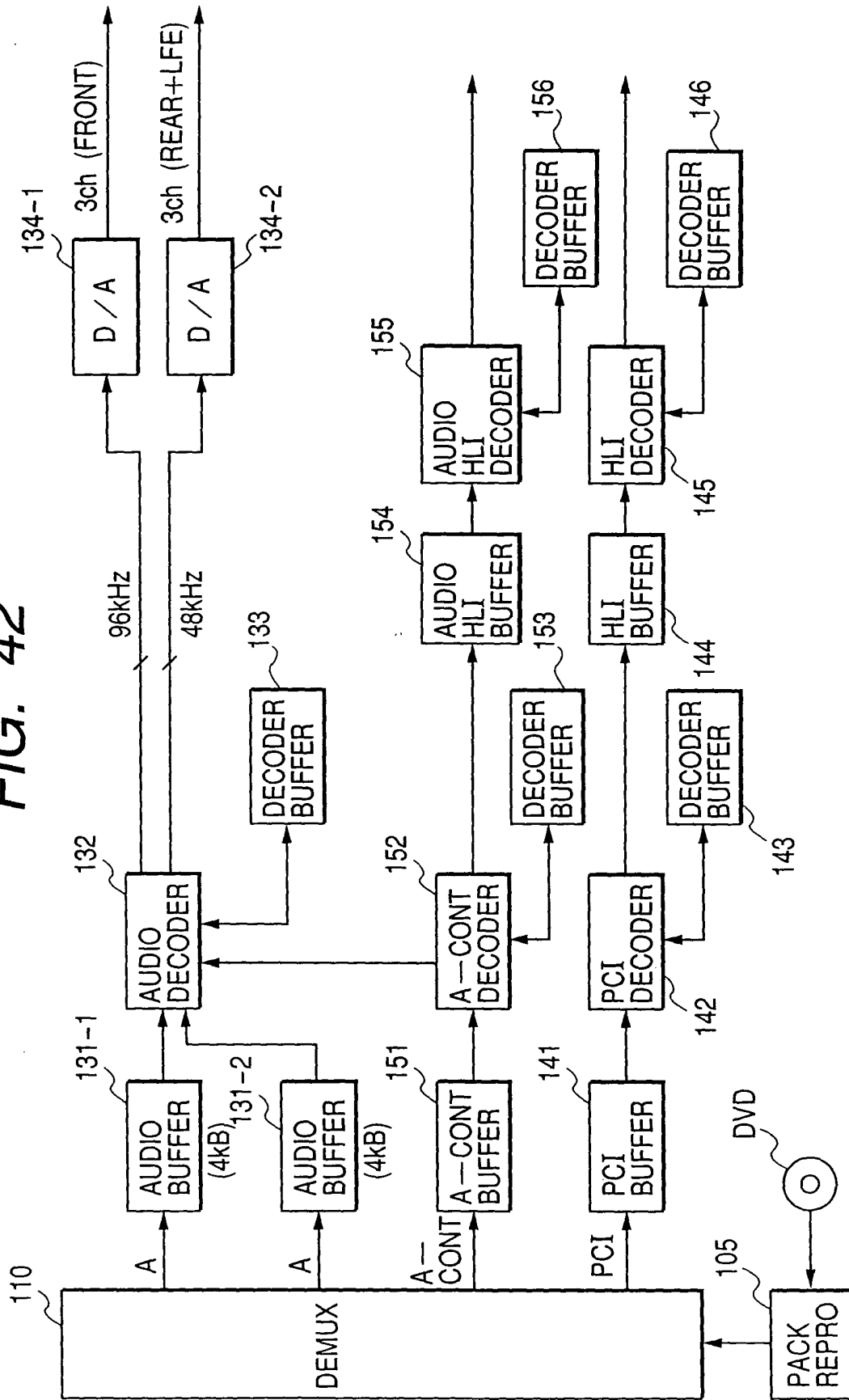


FIG. 43

